

norament[®]

Product	arago™, arago™ nTx™	castello™, grano™, satura™, grano™ nTx™, satura™ nTx™	grano ed	hammered	kivo™	926 round™, 825 round™	xp™, xp™ nTx™	xp trac™, xp trac™ nTx™	920	992, 992 grano™	Stairtreads		
											arago, grano, satura	round, hammered	920
ASTM F1344 Rubber Floor Tile	Type IB Grade 2	Type IB Grade 2	Type IB Grade 2	Type IA Grade 1	Type IB Grade 2	Type IA Grade 2 (926) Grade 1 (825)	Type IB Grade 1	Type IB Grade 1	Type IA Grade 1	Type IIA (992) Type IIB (992 grano) Grade 2	-	-	-
ASTM F2169 Resilient Stair Treads	-	-	-	-	-	-	-	-	-	-	Type TS Class 2 Group 1 or 2 Grade 2	Type TS Class 2 Group 1 or 2 Grade 2	Type TS Class 2 Group 1 or 2 Grade 1
Limited Wear Warranty (in years)	15	15	15	15	15	15	15	15	15	15	15	15	15
Bond Warranty (nTx only - in years)	10	10	-	-	-	-	10	10	-	-	-	-	-
Conductivity Warranty (in years)	-	-	10	-	-	-	-	-	-	-	-	-	-
Flammability (E648/NFPA 253): ≥ 0.45 watts/sq. cm for Class 1 required	Class 1 0.92 0.98 (nTx)	Class 1 0.92 0.97 (nTx)	Class 1 0.58	Class 1 0.87	Class 1 1.1	Class 1 1.1 (926) 0.80 (825)	Class 1 0.71 0.54 (nTx)	Class 1 0.68	Class 1 0.94	Class 1 0.56	Class 1 1.0	Class 1 1.1	Class 1 0.94
Smoke Density (ASTM E662/NFPA 258): < 450 required for both flaming/non-flaming	267/130 369/205 (nTx)	267/130 346/145 (nTx)	418/285	162/208	231/234	380/230 (926) 413/367 (825)	423/290 422/201 (nTx)	372/284	272/167	289/373	267/130 (arago) 334/168	380/230	272/167
Tunnel Test (ASTM E84): flame/smoke	**	**	**	**	**	**	**	**	Class A 15/300	**	**	**	Class A 15/300
CAN/ULC-S102.2: Surface Burning for FSC1/SD	Contact the nora [®] Technical Department or refer to the nora [®] Guide Specification for details.												
Slip Resistance (ASTM D2047): ≥ 0.5 required for both dry/wet	0.81/0.87	0.89/0.93 (castello) 0.99/0.95	1.0/0.90	0.90/1.0	0.87/0.93	0.76/0.85	0.90/1.0	.99/.98	0.85/0.76	0.93/0.93	0.81/0.87 (arago) 0.99/0.95	0.85/0.76 (round) 0.99/0.95 (hammered)	0.85/0.76
Suitable for Ramps	No	No	No	Yes	No	No (926) Yes (825)	Yes	Yes	No	No	-	-	-
Bacteria Resistance (ASTM E2180/ ASTM G21)	Resistant to bacteria, fungi, and micro-organism activity												
Indoor Air Quality:	GREENGUARD Gold Certified for low VOC Emissions in compliance with CDPH 01350												
Carbon:	3 rd party certified carbon neutral throughout their entire life cycle through the Interface Carbon Neutral Floors™ program. Learn more at www.interface.com/carbonneutral .												
Latex Allergies (ASTM D6499)	Inhibition Elisa, results are below detection level												
Sound Absorption (ASTM E2179): compare ΔIIC values only	ΔIIC 15	ΔIIC 11	**	**	ΔIIC 11	**	ΔIIC 15	ΔIIC 15	**	**	**	**	**
Sound Absorption (ISO 140): compare ΔLw values only	ΔLw 10 dB	ΔLw 11 dB	ΔLw 15 dB	ΔLw 9 dB	ΔLw 11 dB	ΔLw 12 dB	**	**	ΔLw 13 dB	ΔLw 17 dB	**	**	**
Hardness (ASTM D2240): Shore Type A	82	82	84	89	82	82 (926) 89 (825)	89	89	91	77	82	82	91

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Static Load (ASTM F970): with 800 lbs./psi ≤ 0.005 in. with 250 lbs. required	0.004	0.005	0.004	0.005	0.005	0.004	0.002	0.005	0.005	0.004	0.005	0.005	0.005
Rolling Load Limit (ASTM F2753): lbs./psi (1)	850	850	850	550	850	850 (926) 550 (825)	850	850	850	850	-	-	-
Forklift Traffic	Yes	Yes	Yes	No	No	Yes (926) No (825)	Yes	Yes	Yes	Yes	-	-	-
Abrasion Resistance (ASTM D3389): H-18 Wheels 1.1 lb. load and 1000 cycles ≤ 0.035 oz. (1.0g) required	0.008	0.002	0.004	0.006	0.002	0.002 (926) 0.005 (825)	0.005	0.005	0.007	0.005	0.006 (arago) 0.002	0.005 (round) 0.006 (hammered)	0.007
Oil & Grease Resistance (EN/ISO 26987)	Yes	Yes	Yes	No	Yes	Yes (926) No (825)	No	No	Yes	Yes	Yes	Yes	Yes
Heat Resistance (ASTM F1514): Avg. ΔE ≤ 8.0 required	Easily achieved with all batches and regular maintenance.												
Static Generation (AATCC 134): 20% RH	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts	< 2000 volts
Static Generation (ANSI ESD 597.2): *	-	-	< 20 volts	-	-	-	-	-	-	-	-	-	-
Conductivity (ASTM F150): ohms	-	-	10 ⁶ < 10 ⁹	-	-	-	-	-	-	-	-	-	-
Thermal Transmission (ASTM C518): R-value	-0.90	-0.90	**	**	**	**	**	**	**	**	**	**	**

(1) The shape of the wheel's contact surface must be flat with rounded edges. No metal wheels. Shore hardness should be ≤ 90, Type A.

* Tested with conductive shoes.

** Not tested.

Note: Exact values may vary due to the test methods and tolerance between batches. The ASTM minimum requirement shall be achieved or exceeded.

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